

Title (en)
SURFACE TREATMENT DEVICE

Title (de)
OBERFLÄCHENBEHANDLUNGSVORRICHTUNG

Title (fr)
DISPOSITIF DE TRAITEMENT DE SURFACE

Publication
EP 3165145 A1 20170510 (EN)

Application
EP 16184696 A 20140110

Priority
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• EP 14700761 A 20140110

Abstract (en)

A surface treatment device comprising: a body and a cleaning head for cleaning a surface by application of a treatment liquid thereto and removal of at least a substantial portion of the liquid therefrom; wherein the cleaning head comprises: a rotatably driveable agitator member and a motor spaced from the agitator member for driving the agitator member by way of a drive train, wherein the motor and agitator member are able to move together, in use, upwardly and downwardly relative to a housing of the cleaning head, and wherein at least a part of the cleaning head is detachable from the body of the device, and replaceable by a cleaning head or part of a different configuration from that of the first said head or part.

IPC 8 full level

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CPC (source: EP GB US)

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Citation (search report)

- [A] US 5991951 A 19991130 - KUBO NAOKI [JP], et al
- [A] EP 1252852 A2 20021030 - HOOVER LTD [GB]
- [A] DE 2651104 A1 19780518 - SIEMENS AG
- [A] EP 0243323 A2 19871028 - GREGORIO VITO DI [IT], et al
- [A] DE 3802256 A1 19891026 - KAERCHER GMBH & CO ALFRED [DE]
- [A] WO 2011100678 A2 20110818 - BISSELL HOMECARE INC [US], et al
- [A] WO 0141618 A1 20010614 - VIDONI MARIO [IT], et al
- [A] US 5465451 A 19951114 - STEGENS ALFRED H [US]
- [A] US 2012024658 A1 20120202 - FOX PAUL K [US]
- [A] EP 1639932 A2 20060329 - STEIN & CO GMBH [DE]
- [A] WO 2005111084 A2 20051124 - DYSON TECHNOLOGY LTD [GB], et al

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